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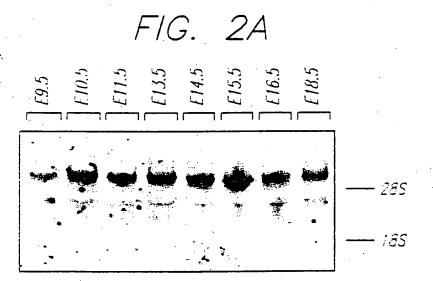
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### FIG. 1

FLK-1 KDR	ILIHIGHHLNVVNLLGACTKPGGPLMVIVEFSKFGNLSTYLRGKRNEFVPYKSKGARFRQ
TKR-C	S
	GKDYVGELSVDLKRRLDSITSSQSSASSGFVEEKSLSDVEEEEASEELYKDFLTLEHLIC
FLK-1 KDR TKR-C	YSFQVAKGMEFLASRKCIHRDLAARNILLSEKNVVKICDFGLARDIYKDPDYVRKGDARL



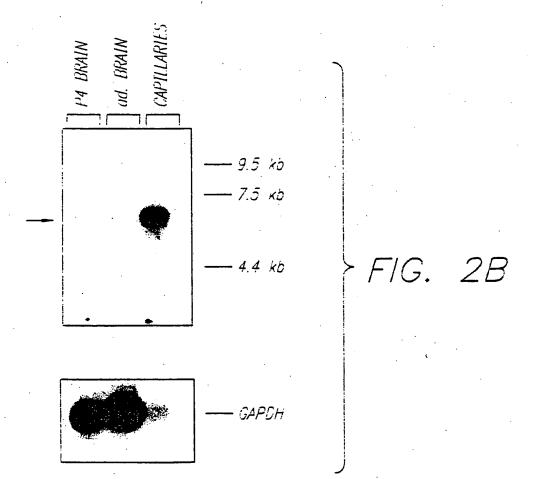
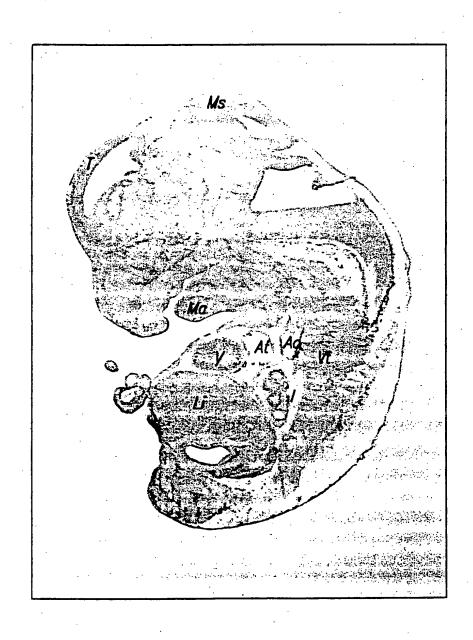
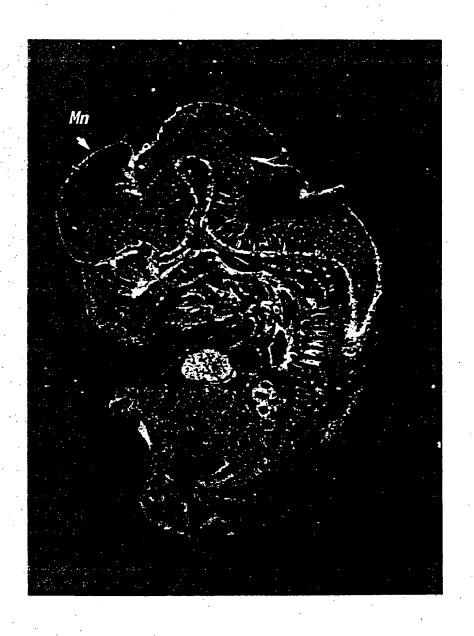


FIG. 3A



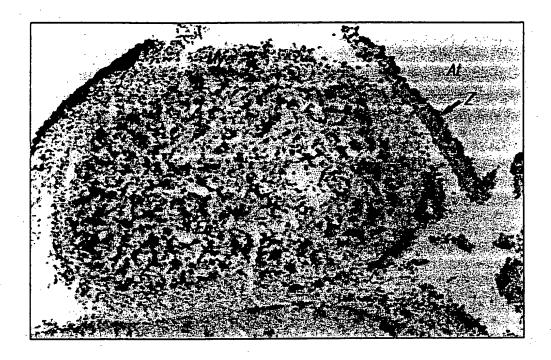
### FIG. 3B



### FIG. 3C



FIG. 4A



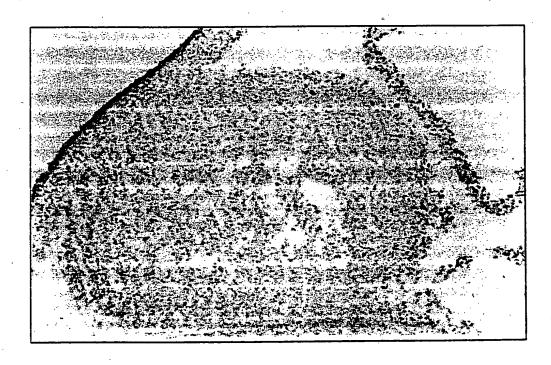


FIG. 4B

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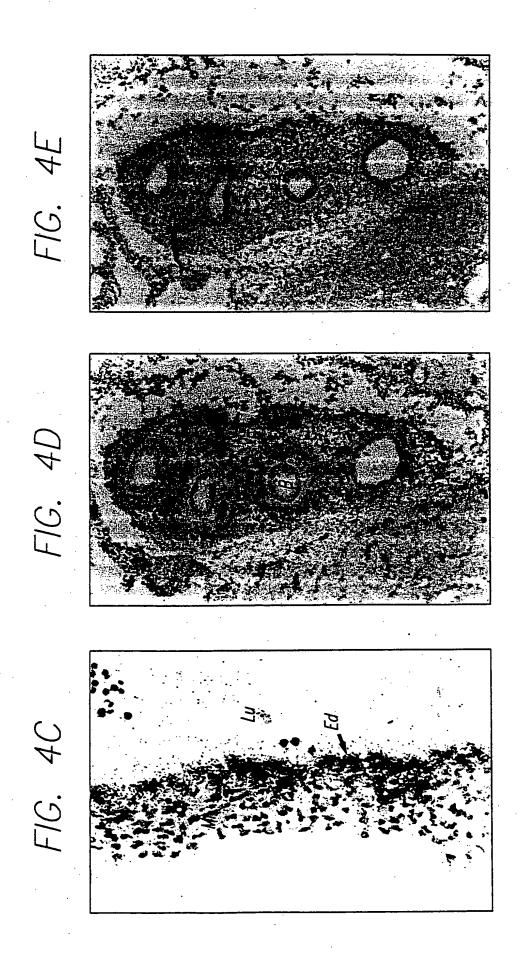


FIG. 5A

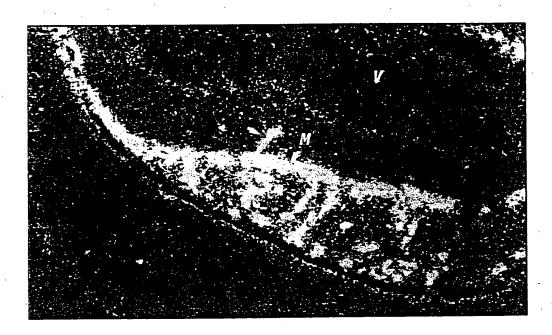
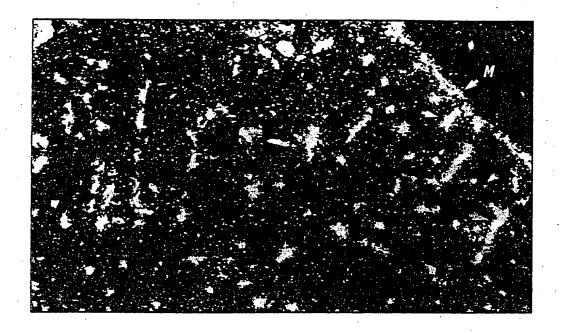




FIG. 5B

FIG. 5C



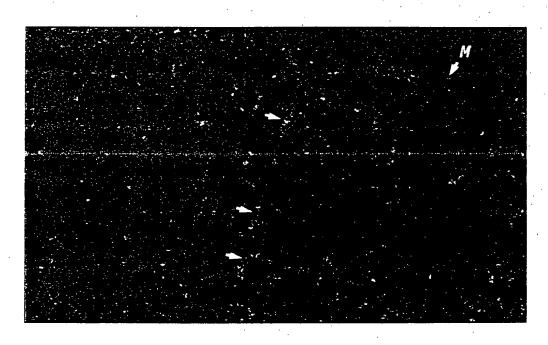
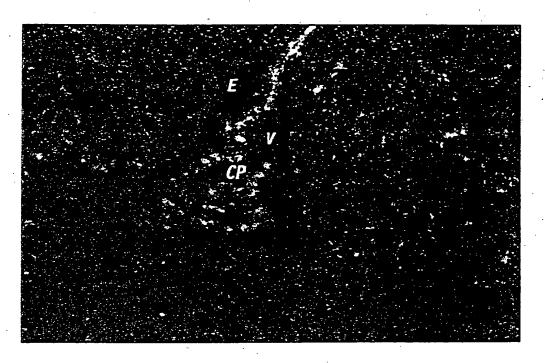


FIG. 5D

FIG. 6A



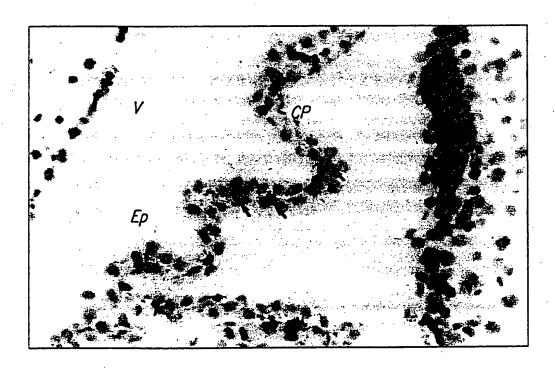
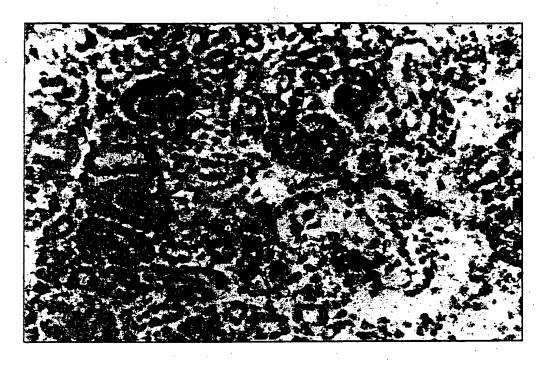


FIG. 6B

FIG. 7A



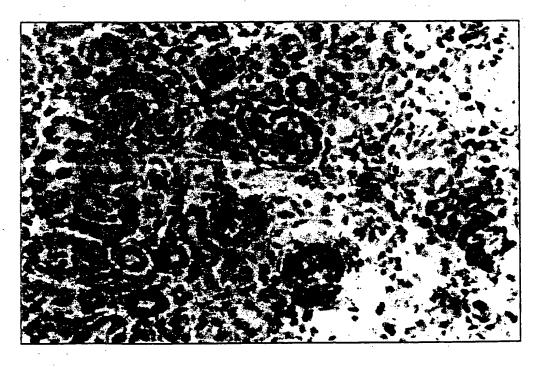
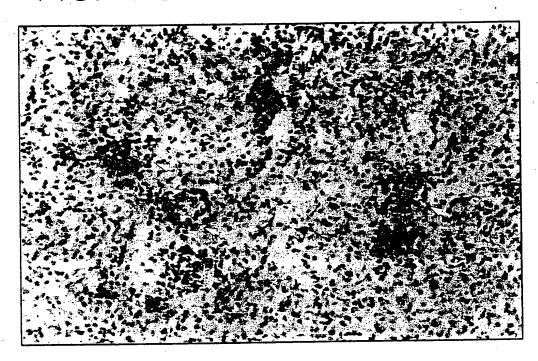


FIG. 7B

FIG. 7C



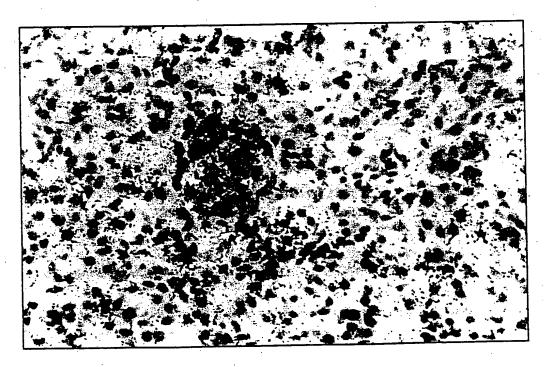
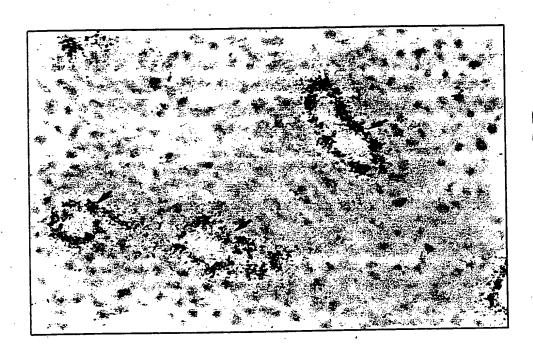
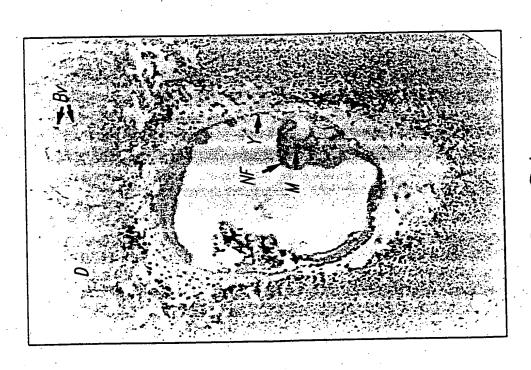


FIG. 7D

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F1G. 8A

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F1G. 8D



F16. 8C

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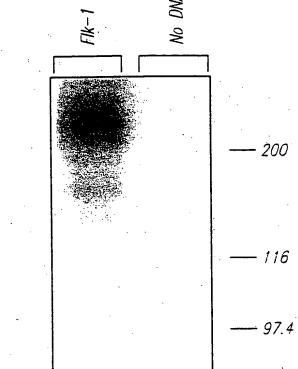


FIG. 9A

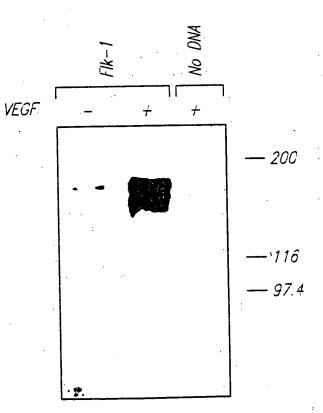


FIG. 10

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																	TGC(									2550
																	AGGO									2625

CAGA D	TGA E	ATT( L	GCC( P	CTT L	GGA D	TGA E	GCG R	CTG C	TGA E	ACG R	CTT(	GCC P	TTA Y	TGA D	TGC A	CAG S	CAA K	GTG W	GGA E	ATT F	CCC P	CAG R	GGA D	CC R	2700
GGCT L	GAA K	ACT/ L	AGG/ G	AAA K	ACC P	TCT L	TGG G	CCG R	CGG G	TGC A	CTT	CGG G	CCA. Q	AGT V	GAT I	TGA E	GGC A	AGA D	CGC A	TTT F	TGG G	AÁT I	TGA D	CA K	2775
AGAC T	AGC A	GAC <sup>*</sup>	TTG( C	CAA K	AAC.	AGT. V.	AGC A	CGT V	CAA K	GAT	GTT(	GAA. K	AGA E	AGG. G	AGC A	AAC. T	ACA H	CAG S	CGA E	GCA H	TCG R	AGC A	CCT L	CA M	2850
TGTC S	TGA E	ACT(	CAA( K	GAT I	CCT L	CAT I	CCA H	CAT I	TGG G	TCA H	CCA	TCT L	CAA N	TGT V	GGT V	GAA N	CCT L	CCT L	AGG G	CGC A	CTG C	CAC T	CAA K	GC P	2925
CGGG G	AGG G	GCC <sup>-</sup>	CT(	CAT	GGT V	GAT I	TCT L	GCA Q	ATT F	CTC S	GAA(	GTT F	TGG. G	AAA N	CCT L	ATC. S	AAC T	TTA Y	CTT.	ACG R	GGG G	CAA K	GAG. R	AA N	3000
ATGA E	ATT F	TGT V	TCC(	CTA Y	TAA K	GAG S	CAA. K	AGG G	GGC A	ACG R	CTT	CCG R	CCA Q	GGG G	CAA K	GGA D	CTA Y	CGT V	TGG G	GGA E	GCT L	CTC S	CGT V	GG D	3075
ATCT L	GAA K	AAG/ R	ACG( R	CTT L	GGA D	CAG S	CAT I	CAC T	CAG S	CAG S	CCA Q	GAG S	CTC S	TGC A	CAG S	CTC. S	AGG G	CTT F	TGT V	TGA E	GGA E	GAA K	ATC S	GC L	3150
TCAG S	TGA D	TGT/ V	AGA(	GGA E	AGA. E	AGA E	AGC A	TTC S	TGA E	AGA E	ACT	GTA Y	CAA K	GGA D	CTT F	CCT L	GAC T	CTT L	GGA E	GCA H	TCT L	CAT I	CTG C	TT Y	3225
ACAG S	CTT F	CCA/ Q	AGT( V	GGC A	TAA K	GGG G	CAT M	GGA E	GTT F	CTT L	GGC A	ATC. S	AAG R	GAA K	GTG C	TAT I	CCA H	CAG R	GGA D	CCT L	GGC A	AGC A	ACG R	AA N	3300
ACAT I	TCT L	CCT/ L	ATC( S	GGA E	GAA K	GAA N	TGT V	GGT V	TAA K	GAT I	CTG C	TGA D	CTT F	CGG G	CTT L	GGC A	CCG R	GGA D	CAT	TTA Y	TAA K	AGA D	CCC P	GG D	3375
	TGT V	CAG/ R	۹AA K	AGG G	AGA D	TGC A	CCG R	ACT L	CCC P	TTT L	GAA K	GTG W	GAT M	GGC A	CCC P	GGA E	AAC T	CAT I	TTT F	TGA D	CAG R	AGT V	ATA Y	CA T	3450
		GAG(					TTT F	CGG G	TGT V	GTT L	GCT L	CTG W	GGA E	AAT . I	ATT F	TTC S	CTT L	AGG G	TGC A	CTC S	CCC P	ATA Y	CCC P	TG G	3525
GGGT V	CAA K	GAT	TGA <sup>-</sup> D	TGA E	AGA E	ATT F	TTG C	TAG R	GAG R	ATT L	GAA K	AGA E	AGG G	AAC T	TAG R	AAT. M	GCG R	GGC A	TCC P	TGA D	CTA Y	CAC T	TAC	CC P	3600
CAGA E	AAT M	GTA(	CCA( Q	GAC T	CAT M	GCT L	GGA D	CTG C	CTG W	GCA H	TGA E	GGA D	CCC P	CAA N	CCA _Q	GAG R	ACC P	CTC S	GTT F	TTC S	AGA E	GTT L	GGT V	GG E	3675
AGCA H	TTT L	GGG/	AAA N	CCT L	CCT L	GCA Q	AGC A	AAA N	TGC . A	GCA Q	GCA Q	GGA D	TGG G	CAA K	AGA D	CTA Y	TAT I	TGT V	TCT L	ŤCC P	AAT M	GTC S	AGA E	GA T	3750
ČACT L	GAG S	CAT(	GGA. E	AGA E	GGA D	TTC S	TGG G	ACŤ L	CTC S	CCT L	GCC P	TAC T	CTC S	ACC P	TGT V	TTC S	CTG C	TAT M	GGA E	GGA E	AGA E	GGA E	AGT V	GT C	3825
GCGA	CCC P	CAA.	ATT(	CCA H	TTA Y	TGA D	CAA N	CAC	AGC A	AGG G	AAT I	CAG S	TCA H	ATTA Y	TCT	CCA Q	GAA N	CAG S	TAA K	GCG R	AAA K	GAG S	CCG R	GC P	3900

	CAGT V	GAG S	TGT. V	AAA K	AAC T	ATT F	TGA E	AGA D	TAT	CCC P	ATT L	GGA E	GGA E	ACC P	AGA E	AGT V	AAA K	AGT V	ΓGΑΤ Ι	CCC P	AGA D	TGA D	CAG S	CCA Q	GA T	3975
-	CAGA D	CAG S		GAT M		CCT L	TGC A			AGA E					GGA E	AGA D	CAG R	IGA <i>A</i> N	CAA K	ATT L	ATC S	TCC P	ATC S	TTT F	TG G	4050
	GTGG G	AAT( M	GAT(	GCC P	CAG S	TAA K	AAG S	CAG R	GGA E	GTC S		GGC A			AGG G	CTC S	CAA N	CCA Q	GAC T.	CAG S	TGG G	CTA Y	CCA Q		TG G	4125
	GGTA Y	TCA( H	CTC/ S	AGA D	TGA D	CAC T	AGA( D	CAC	CAC T	CGT(	GTA Y	CTC S		CGA D	CGA E	GGC A	AGG G	ACT L	TTT.	AAA K		GGT V	GGA D	TGC A	TG A	4200
	CAGT <sup>*</sup> V		CGC A	ΓGΑ( D	CTC. S	AGG G	GAC(	CAC T	ACT L	GAG( S	CTC. S	ACC P	TÇC P	TGT V	TTA	AAT	GGA	AGT	GGT	CCT	GTC	CCG	GCT	CCG	CC	4275
1	CCCA	ACTO	ССТО	GA/	AAT(	CAC	GAGA	AGA(	GGT	GCT(	GCT	TAG	ATT	TTC.	AAG	TGT	TGT	тст	TTC	CAC	CAC	CCG	GAA	GTA	GC	4350
(	CACA <sup>*</sup>	TTT	TA	TT	CAT	TTT	TGG	AGG/	AGG	GAC	CTC	AGA	CTG	CAA	GGA	GCT	TGT	CCT	CAG	GGC/	ATT	rcc.	AGA	GAA	GA	4425
٠	TGCC	CATO	ACC	CAA	\GA/	ATG	TGT	rga(	CTC	TAC	TCT	CTT	TTC	CAT	TCA	TTT	AAA.	AGT	CCT	ATA	ΓΑΑ	rgt	GCC	CTG	CT	4500
(	GTGGT	CTC	CACI	TAC(	CAG	TTA	4AG(	CAA	٩AG	ACT	TTC	AAA	CAC	GTG	GAC	TCT	GTC	CTC	CAA	GAA(	GTG(	GCA.	ACG	GCA	CC	4575
٠	TCTG	rga <i>A</i>	<b>IDA</b>	GGA	ATC	GAA <sup>-</sup>	TGGG	CA	ATG	CTT	TGT	GTG	TTG	AGG	ATG	GGT	GAG.	ATG	TCC	CAGO	GCC	CGA	GTC	TGT	CT	4650 <sup>.</sup>
1	ACCT	rgg/	\GGC	TT:	GT(	GGA(	GGA1	rgc(	GGG	CTA	<b>FGA</b> (	GCC	AAG	TGT	TAA	GTG'	TGG	GAT	GTG	SACT	rgg(	SAG	GAA	GGA/	٩G	4725
(	GCGC/	AAGC	CGT	CCG	GA(	GAG(	CGGT	TGO	GAG	CCTO	GCA	GAT	GCA	TTG	TGC	TGG	CTC	TGG	TGG	\GG1	rgge	CT.	TGT	GGC	CT	4800
(	STCAG	GAA	ACG	CAA	\AG(	GCG(	GCC	iGC/	AGG(	GTTI	rgg <sup>.</sup>	TTT	TGG	AAG	GTT	TGC	GTG	CTC	TTC	ACAC	STC	GG.	TTA	CAG	GC	4875
(	GAGTI	CCC	TGT	GGC	GT	TTC	CTAC	CTC	CTA	ATG/	AGA(	GTT	CCT	TCC	GGA	CTC.	TTA	CGT	GTCT	rcc1	rggc	CTO	GGC	CCCA	٩G	4950
(	<b>SAAG</b>	AAA	TGA	TGC	AGO	CTT	CTO	CTI	CC.	rcà i	ГСТ	CTC	4GG(	CTG	TGC	CTT	AAT	TCA	GAA	CACC	CAAA	\AG	AGA(	GGA/	٩C	5025
(	STCG	CAG	AGG	CTC	CTO	3AC(	GGG	CCC	AA(	SAAT	rtg:	TGA(	SAA(	CAG	AAC/	4GA/	AAC	TCA	GGGT	TTC	CTGC	TG	GGT	GGA(	GΑ	5100
(	CCAC	GTG	GCG	CCC	TGO	STGO	CAG	GTO	TG	AGGG	TT(	CTC	rg T	CAAC	GTG	GCG	STA	AAG	GCT	AGG	CTO	GT	GTT(	CTTC	CC	5175
1	CTAT	CTC	CAC	TCC	TGT	CA(	GCC	CCC	CAAC	STCC	CTC	AGT/	ATT	TTA	GCT	rtg:	rgg(	CTT	CCTO	ATG	GCA	(GA	AAA/	ATC	ſΤ	5250
F	ATTO	GTT	GGT	TTG	CTO	CTCC	CAGA	TAA	TC/	ACTA	\GC(	CAG	ATT	rcg/	AAA	ГТА	CTT	TTT	AGC	GAG	GTT	AT(	GAT	AAC/	ΑT	5325
(	CTACT	GTA	TCC	TTT	'AGA	AT1	TTA	ACC	TAT	ΓΑΑΑ	ACT	TATO	arc.	TAC <sup>-</sup>	rggi	TTT(	CTG	CCT	GTGT	GCT	TAT	GT	Γ			5393

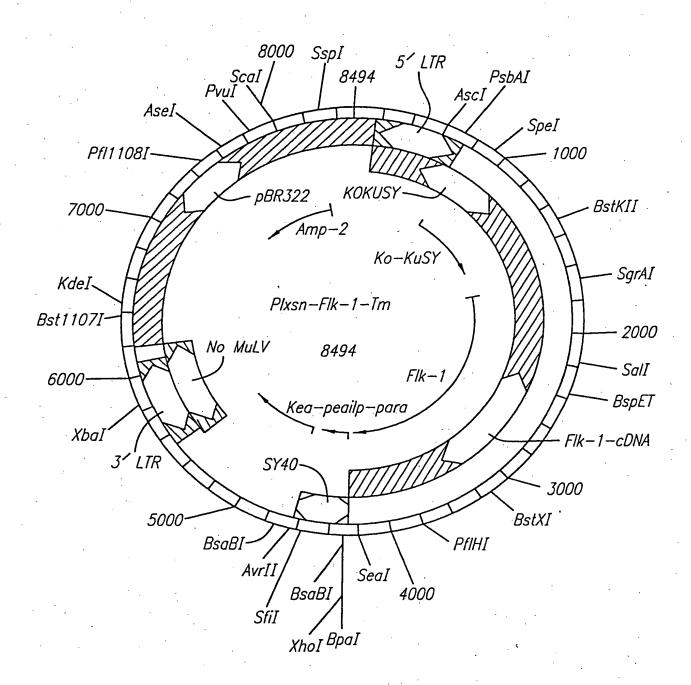


FIG. 12A

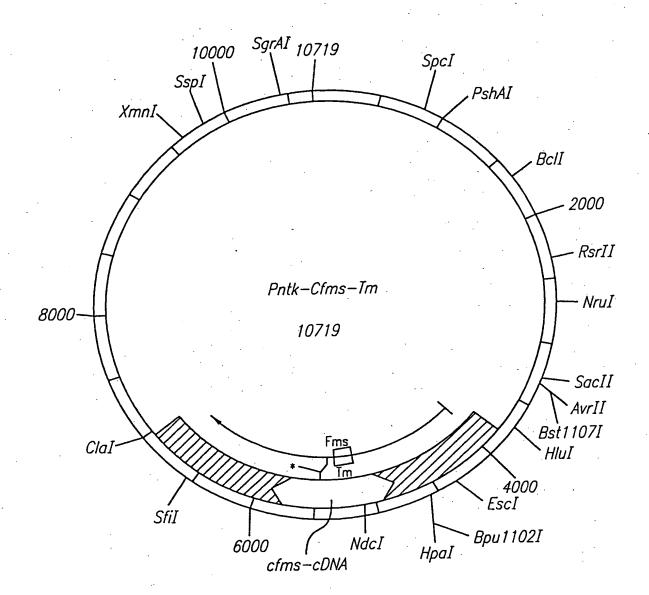
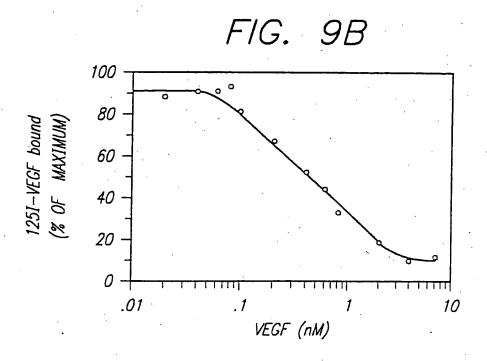


FIG. 12B



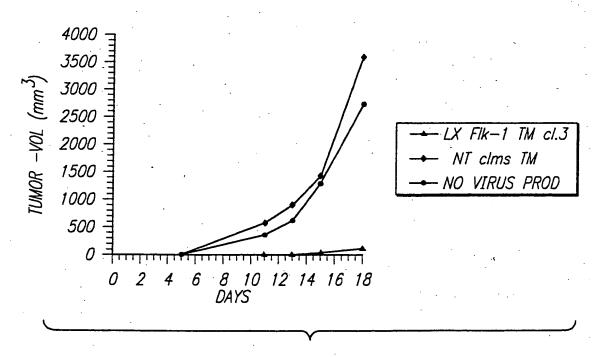


FIG. 13

